

**ABSTRACT**

The invention relates an arrangement including a method and means, which may be used for registration of signals, such as EEG, ECG and EMG, from one or several objects, such as human body, animal, apparatus or equipment, or from apparatus or equipment especially in environment, such as e.g. in MRI environment, where registration is not allowed to disturb operation and correspondingly some other operation is not allowed to disturb registration or cause damages to object from which registration takes place and it is characteristic to the invention that that transducers (T1, T2) and to them attached signal means (SC, RT1, RT2) are supplied with driving energy via transmission line (TLS, TL1, TL2) and via at least one isolation means (ISOLATION) and said transfer of driving energy takes place at radio frequency essentially higher than that of said disturbing electromagnetic energy.